

MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

List PWS ID #s/for all Water Systems Covered by this CCR

The Fee confider must be	leral Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consumer nce report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
	Inswer the Following Questions Regarding the Consumer Confidence Report
	Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
	Advertisement in local paper On water bills Other MAILED, NEWSPAPER AND WEXSITE WWW. BROXI, MS, U.
	Date customers were informed: 6 121/11
C C	CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
,	Date Mailed/Distributed: 6 12)/ U
	CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
	Name of Newspaper: THE BROXI O'TBERVILLE PRESS
,	Date Published: 6 1/6/11
	CCR was posted in public places. (Attach list of locations)
	Date Posted: 6 1231[]
	CCR was posted on a publicly accessible internet site at the address: www. Broxt, MS, US
<u>CERTI</u>	FICATION
THE LOLL	certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in and manner identified above. I further certify that the information included in this CCR is true and correct and is not with the water quality monitoring data provided to the public water system officials by the Mississippi State ent of Health, Bureau of Public Water Supply.
V	1 Holloway
Name/	itle (President, Mayor, Owner, etc.)

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215 Phone: 601-576-7518 2010 Annual Drinking Water Quality Report City of Biloxi PWS#: 0240001, 0240036 & 0240084 May 2011

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Pascagoula Formation, Graham Ferry Formation and the Miocene Series Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request.

The wells for the City of Biloxi PWS ID#: 240001 have received a moderate susceptibility ranking to contamination; the wells for PWS ID#: 240036 have received moderate to higher susceptibility rankings to contamination; the wells for PWS ID #: 240084 have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Richard Sullivan at 228-435-6271. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first, third, and last Tuesdays of each month at 1:30 PM at the Biloxi City Hall.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that we detected during for the period of January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

PWS ID#:	024000)1	\mathbf{T}	EST RESUL	TS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contar	ninants						
10. Barium	N	2009*	.003	No Range	ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2009*	1.7	No Range	ppb	100		Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2010	.1	0	ppm	1.3	2000 (204 (2)) (100000000	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride**	N	2009*	.377	No Range	ppm	4		Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	Y	2010	32	6	ppb	0		Corrosion of household plumbing systems, erosion of natural deposits
Disinfectio	n By-P	roducts	S					
81. HAA5	N	2010	10	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihalomethanes]	N	2010	23.35	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	1.01	.8 – 1.24	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#	: 024003	36	T	EST RESUL	TS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contar	ninants						
10. Barium	N	2008*	.008	.001008	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	.8	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.335	.309335	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	on By-P	roducts	5					
Chlorine	N	2010	1.77	1.13 – 12.29	ppm	0	MDRL =	Water additive used to control microbes

Contaminant	Violation	Date	Level	Range of Detects	Unit	MCLG	MCL	Likely Source of Contamination
Contaminant	Y/N	Collected	Detected	or # of Samples Exceeding MCL/ACL	Measure -ment	WICLG	WICE	Likely Source of Cortianillation
Radioacti	ve Cont	aminan	its					
5. Alpha emitters	N	2008*	.37	.1637	pCi/L	0	15	Erosion of natural deposits
6. Radium 226	N	2008*	.421	.167421	pCi/1	0	5	Erosion of natural deposits
Radium 228			.419	.011419				
7. Uranium ¹	N	2008*	.37	.1637	ug/L	0'	30	Erosion of natural deposits
Inorganic					_			
10. Barium	N	2008*	.006	.0206	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	2	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2010	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.357	.159357	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2010	2	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	.9	No Range	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
D C	on By-P	roducts						
Disinfection	N	2008*	10	No Range	ppb	0	60	By-Product of drinking water disinfection.
31. HAA5					and the	0	80	Downston Caldelle
	N	2008*	51.51	No Range	ppb	o	0(D By-product of drinking water chlorination.

^{*} Most recent sample. No sample required for 2010

Radioactive Contaminants:

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

On system # 0240001, we had 6 sample that showed the presence of lead.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

⁽¹⁸⁾ Lead. Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

Significant Deficiencies

System # 0240001

<u>During a sanitary survey conducted on 1/22/10, the Mississippi State Department of Health cited the following deficiency:</u>

1.) Inadequate security measures

<u>Corrective actions:</u> The system is in a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete construction of security fencing around wells. All deficiencies are scheduled to be completed by 6/30/2013.

2.) Well in flood zone (100 year)

<u>Corrective actions:</u> The system is in a Bilateral Compliance Agreement with the Mississippi State Department of Health to elevate the wells above the new base flood elevations. All deficiencies are scheduled to be completed by 6/30/2013. System #0240036

During a sanitary survey conducted on 1/22/10, the Mississippi State Department of Health cited the following deficiency:

1.) Inadequate security measures

<u>Corrective actions:</u> The system is in a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete construction of security fencing around wells. All deficiencies are scheduled to be completed by 6/30/2013.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The City of Biloxi works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and eas reduction and mining activities.

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In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water

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Health Dept Tag N	lo Facility Name	Street Address
240001-01	Maple Street	162 Maple St
240001-04	Hospital Water Well	1123 Bayview Ave
240001-05	Greater Ave	1880 Greater Ave
240001-06	Porter Ave	1082 Irish Hill Dr
240001-07	New Bay Vista	2491 Pass Road
240001-09	Old Bay Vista	2434 Bay Vista Dr
240001-10	Bradford St Well	768 Bradford St
240001-11	Debuys Water Well	262 Debuys Rd
240001-12	Kuhn St	199 Kuhn Street
240001-13	Iberville	205 Iberville Dr
240001-14	Park Circle Water Well	345 Park Dr
240001-15	Father Ryon	1352 Fother Ryan Ave
240001-16	Pine Street Well	129 Pine St
240001-17	Tullis	369 Beach Blvd
240001-18	Lakeview	364 Lakeview
240036-02	North Rivervue	11186 N Riviere Vue Dr
240036-03	Oaklawn	9339 Oaklawn Dr
240036-04	North Oaklawn	12351 N Oaklawn Dr
240036-05	Hwy. 67 & Oaklawn	Hwy. 67 & Oaklawn Dr
240084-01	Rustwood	2181 Rustwood Dr
240084-04	South Hill	1991 South Hill Dr
240084-05	N Biloxi #1	2145 Popp's Ferry Rd
240084-06	Vee Street	Vee Street
240084-07	Cedar Lake Subdivision	11412 Penton Dr
240084-08	Biloxi Sports Complex	765 Wells Dr

059776-2016-50-21		OMEGIZAÇILLƏRI Haracaran	De la Social de la Constantina	CHIPPING CONTRACTOR		MAG	MCL	Likely Source of
Costaminost	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	<u>.</u>	Contamination
Inorganic 10. Barium	Contami	nants 20081	.008	.001008	ppm	2	1	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	.8	No Range	ppb	100	100	Discharge from steel and pulp milts; erosion of natural deposits
14. Copper	N	2008*	.1	0	ppm	1.3	AL=1.3	Corresion of household plumbing systems; erasion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.335	.309335	ppen	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	4	0	ррь	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfecti	on By-P	roducts						
Chlorine	N N	2010	1.77	1.13 - 12.29	ppm	0	MDRL = 4	Water additive used to control microbe

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	WCI	Likely Source of Contamination
Radioactiv	e Contar	ninants				_	15	Erosion of natural deposits
5. Alpha emitters	N	2008*	.37	.16 – .37	pG/L	0	5	Erosion of natural deposits
6. Radium 226 Radium 228	N	2008*	.421 .419	.167421 .011419	pCi/1			
7. Uranium'	N	2008*	.37	.1637	ug/L	01	301	Erosion of natural deposits
Inorganic (Contami	nante						
10. Barium	N	2008*	.006	.0206	ppm	2	2 exercises of m	Discharge of drilling wastes; discharge from metal refineries; atural deposits
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Disinfecti	on By-P	roducts						. I . f li li
81. HAAS	N	2008*	10	No Range	ppb	0	60	By-product of drinking water disinfects By-product of drinking water
82. TTHM	H	2008*	51.51	No Range	ppb	0	80	chlorination.
(Total tribalomethan	N N	2010	.69	13 - 1.36	ppm	0	MDRL = 4	Water additive used to control microb

*Most recent sample. No sample required for 2010.

Mayor A.J. Holloway and the Biloxi City Council
George Lawrence • William "Bill" Stallworth • Lucy Denton
Clark Griffith • Tom Wall • Edward "Ed" Gemmill • David Fayard



Annual Report on the Quality of Drinking Water

To: City of Biloxi water customers From: City of Biloxi

The City of Biloxi is pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Pascagoula Formation, Graham Ferry Formation and the Miocene Series

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request.

The wells for the City of Biloxi PWS 240001 have received a moderate susceptibility ranking to contamination; the wells for PWS 240036 have received moderate to higher susceptibility rankings to contamination; the wells for PWS 240084 have received lower to moderate susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Richard Sullivan at 228-435-6271. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first, third, and last Tuesdays of each month at 1:30 p.m. at the Biloxi City Hall.

We routinely monitor for constituents in your drinking water according to federal and state laws. The tables in this report list all of the drinking water contaminants detected January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results.

As water travels over the surface of land or underground, dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from

Test Results of City of Biloxi Public Water Systems 0240001, 0240036 & 0240084

Here are definitions of some of the terms and abbreviations in the charts:

- Action Level The concentration of a contaminant which, if exceeded, triggers treatment or other requirements
- Action Level The concentrations which a water system must follow.
 Maximum Contaminant Level (MCL) The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available

- treatment technology.

 Maximum Contaminant Level Goal (MCLG) The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

 Parts per million (plm) or Milligrams per liter (mgl) One part per million corresponds to one minute in two years or a single penny in \$10,000.

 Parts per billion (pbb) or Micrograms per liter One part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.
- Picocuries per liter (pCi/L) Picocuries per liter is a measure of the radioactivity in water.

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic (Contami	nants				2	2	Discharge of drilling wastes;
10. Barium	N	2009*	.003	No Ronge	ppm	1		discharge from metal refineries; erosion of natural deposits
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14. Copper	N	2010	.1	0	ppon .	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
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17. Leod	Y	2010	32	6	ррь	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfect	D D	Junto						
			10	No Range	ррв	0	60	By-product of drinking water disinfect
81. HAA5 82. TIHM	H	2010	23.35	No Ronge	ррь	0	80	By-product of drinking water chlorination.
(Total tribalometho	ones) N	2010	1.01	.8 - 1.24	ppm	0	MDRL = 4	Water additive used to control micro

just as well as running water, with far less waste of Rinse your razor in the sink — Fill the sink with a few inches of warm water. This will rinse your razor running while brushing your teeth. Just wet your brush and fill a glass for mouth rinsing. toothbrush - There is no need to keep the water 9. Turn off the water after you wet your then turn it back on to rinse. A four-minute shoruses 20 to 40 gallons of water.

inexpensive to insulate your water pipes with pre-slit and person and person for mediation and person should be shou 7. Insulate your water pipes - It's easy and

anus a rucernour penod when no waler is being used. A charalt was been eventually above the beds and observable to the best processes and observable to the processes of the pro

after a two-hour period when no water is being immines), who is necessary to install, method easy to install, and easy to install.

4. Use your water meter to check for hidden water to be a second or the check of the properties of the prop

seven gallons of water is wasted.

3. Check your toilets for leaks – Put a little food coloring in your toilets for leaks – Put a little food color begins to appear in the bowl writin 30 color begins to appear in the bowl writin 30 munutes, you have a leak that should be repaired munutes, you have a leak that should be repaired 2. Don't use the toilet as an ashtray or wastebasket – Every time you flush a cigarette bult, facial insue or other small bit of trash, five to

Check faucets and pipes for leaks – A small drip from a worn faucet washer can waste 20 gallons of waster on day.

Water Conservation lips

Public Water Systems 0240001, 0240036 & 0240084

Quality of Drinking Water

Annual Report on the

remember that the presence of these constituents does not necessarily indicate that the water poses a health risk. of some constituents. It's important to drinking water, may be reasonably expected to contain at least small amounts All drinking water, including bottled

to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water

occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe industrial processes and pertoleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally uses; organic chemical contaminants, including synthetic and volatile organ chemicals, which are by-products of urban storm-water runoff, and residential production, mining, or farming; peaticides and herbicides, which may come from a variety of sources such as agriculture, wastewater discharges, oil and gas wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic

sewage treatment plants, septic systems, agricultural livestock operations, and viruses and bacteria, that may come from substances or contaminants from the presence of animals or from human activity, microbial contaminants, such as contaminants, such as radioactive materials and can pick up As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, contaminants detected January 1st to December 31st , 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results.

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in your drinking water according to Tuesdays of each month at 1:30 p.m. at the Biloxi City Hall.
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to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first, third, and last are held on the first, third, and last report or concerning your water utility, please contact Richard Sullivan at 228-435-6271. We want our valued custome to his first and about their unsterutility.

to contamination; the wells for PWS 240084 have received lower to moderate succeptubility rankings to contamination. If you have any questions about this 240001 have received a moderate the wells for PWS 240036 have received moderate to higher succeptibility rankings moderate to higher succeptibility rankings and easier to higher succeptibility ankings and easier to higher succeptibility ankings and easier to higher succeptibility ankings.

public water system and is available for viewing upon request.

The wells for the City of Biloxi PWS

A contamination of contamination. A report containing detailed information how the susceptibility determinations were made has been furnished to our were made has been furnished to our

drinking water supply to identified completed for our public water system to determine the overall susceptibility of its The source water assessment has been

Aquifer. source is from wells drawing from the Pascagoula Formation, Oraham Ferry Formation and the Miocene Series treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water the quality of your water. make to continually improve the water

in E.C. Ivo union a person of proper to the Continuation of the Co The City of Biloxi is pleased to present



June 2011

P.O. Box 429 Biloxi, MS 39533

Annual Report on the **Quality of Drinking Water**

Public Water Systems 0240001, 0240036 & 0240084



BILOXI, MS 39530

Mayor A.J. Holloway and the Biloxi City Council George Lawrence • William "Bill" Stallworth • Lucy Dentor Clark Griffith . Tom Wall . Edward "Ed" Gemmill . David Fayard

Comparison of Monthly Water Bills (Based on 8,000 gallons)

TOTALS \$101.36 \$97.00 \$92.85 \$87.88 \$80.80 \$76.58 \$75.00 \$71.51 \$68.39 \$63.05 \$55,40 \$43.50

INSIDE: The Annual Report on the Quality of Drinking Water



\$120.00

biloxi.ms.

June 2011

Biloxi Water Well Listing								
Health Dept Tag No	Facility Name	Street Address						
240001-01	Mople Street	162 Maple St						
240001-04	Hospital Water Well	1123 Bayview Ave						
240001-05	Greater Ave	1880 Greater Ave						
240001-06	Porter Ave	1082 Irish Hill Dr						
240001-07	New Bay Vista	2491 Pass Road						
240001-09	Old Bay Vista	2434 Bay Vista Dr						
240001-10	Bradford St Well	768 Bradford St						
240001-11	Debuys Water Well	262 Debuys Rd						
240001-12	Kuhn St	199 Kuhn Street						
240001-13	Iberville	205 Iberville Dr						
240001-14	Park Circle Water Well	345 Park Dr						
240001-15	Father Ryan	1352 Father Ryan Ave						
240001-16	Pine Street Well	129 Pine St						
240001-17	Tullis	369 Beach Blvd						
240001-18	Lakeview	364 Lakeview						
240036-02	North Rivervue	11186 N Riviere Vue Di						
240036-03	Oaklawn	9339 Ocklown Dr						
240036-04	North Oaklawn	12351 N Ooklown Dr						
240036-05	Hwy. 67 & Oaklawn	Hwy. 67 & Oeklown Dr						
240084-01	Rustwood	2181 Rustwood Dr						
240084-04	South Hill	1991 South Hill Dr						
240084-05	N Biloxi #1	2145 Popp's Ferry Rd						
240084-06	Vee Street	Vee Street						
240084-07	Cedar Lake Subdivision	11412 Penton Dr						
240084-08	Biloxi Sports Complex	765 Wells Dr						

- In these table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

 Action Level the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

 Maximum Contaminant Level (MCL) The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLOs as feasible using the best available treatment technology.
- MCLGs as feasible using the uses a number technology.

 Maximum Contaminant Level Goal (MCLG) The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

 Maximum Residual Disinfectant Level (MRDL) The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.
- contaminants.

 Maximum Residual Disinfectant Level Goal (MRDLG) Maximum Residual Disinfectant Level Goal (MRDLG) —
 The level of a drinking water disinfectant below which
 there is no known or expected risk of health. MRDLGs do
 not reflect the benefits of the use of disinfectants to control
 microbial contaminants.
 Parts per million (ppm) or Milligrams per liter (mg/l) —
 one part per million corresponds to one minute in two
 years or a single penny in \$10,000.
 Parts per billion (ppb) or Micrograms per liter — one part
 per billion corresponds to one minute in 2,000 years, or a
 single penny in \$10,000,000.

Test Results of City of Biloxi Public Water Systems 0240001, 0240036 & 0240084

ontaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
norganic C	ontaminan	ts						
O. Borium	N	2009*	.003	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
3. Chromium	N	2009*	1.7	No Range	ррь	100	100	Discharge from steel and pulp mills; erosion of natural deposits
1. Copper	H	2010	,1	0	ррт	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
5. Fluoride**	N	2009*	.377	No Range	ррт	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
. lead	Y	2010	32	6	ррь	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	By-Produ	cts						
I. HAAS	N	2010	10	No Range	ррь	0	60	By-product of drinking water disinfection
 TTHM stal trihalomethanes 	N	2010	23.35	No Range	ррь	0	80	By-product of drinking water chlorination.
lorine	N	2010	1.01	.8 - 1.24	ppm	0	MDRL = 4	Water additive used to control microbes

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Inorganic C	Contaminan	ts						
10. Barium	N	2008*	.008	.001 — .008	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	.8	No Range	ррь	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008*	.l	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.335	.309335	ррт	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	4	0	ррь	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	n By-Produ	cts						
Chlorine	N	2010	1.77	1.13 - 12.29	ppm	0	MDRL = 4	Water additive used to control microbe

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Radioactive	Contamina	ants						
5. Alpha emitters	N	2008*	.37	.1637	pGi/L	0	15	Erosion of natural deposits
6. Rodium 226 Rodium 228	H	2008*	.421 .419	.167 – .421 .011 – .419	pCi/1	0	5	Erosion of natural deposits
7. Uronium¹	н	2008*	.37	.16 – .37	ug/L	0'	30'	Erosion of natural deposits
Inorganic C	ontaminan	ts						
10. Barium	N	2008*	.006	.02 – .06	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	2	No Range	ррь	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2010	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	.357	.159357	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2010	2	0	ррь	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	.9	No Range	ррь	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
Disinfection								- 1 / C.C h./ .
81. HAA5	N	2008*	10	No Ronge	ррь	0	60	By-product of drinking water disinfection
82. TTHM (Total tribalomethanes)	N	2008*	51.51	No Range	ррь	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	.69	.13 - 1.36	ppm	0	MDRL = 4	Water additive used to control microbes

^{*}Most recent sample. No sample required for 2010.

Mississippi Rural Water Association

Mississippi Rural Water Association 5400 N Midway Road

Raymond, MS 39154-8202

Phone: 1.800.343.2520 Fax: 601.857.2434

E-mail: msrwa@msrwa.org



Invoice

Invoice #420

Bill To:

Ship To:

City of Biloxi

Attn: Tracey Forehand/Utility Maint.

PO Box 429

Biloxi, MS 39533-0429

Date	Purchase Order	MsRWA Rep	Terms	
05/12/11	20113714-00	GW	Upon receipt	

Quantity	Item #	Description	Price Each	Total
3		2010 CCR Processing Fee	\$ 70.00	\$ 210.00
			Subtotal	\$ 210.00
			Prepaid	Ψ 210.00
			Shipping/handling	\$
a				
Places return vallew copy of invoice with payment			Total Due	\$ 210.00

Please return yellow copy of invoice with payment. MsRWA appreciates your support!

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	-			
				0.010.00
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			Prepaid	
			Shipping/handling	\$
			Total Due	\$ 210.00

Please return yellow copy of invoice with payment. MsRWA appreciates your support!

Purchase Order



City of Biloxi

P.O. Box 429 Biloxi, Mississippi 39533-0429 Fiscal Year 2011

Page 1

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES AND SHIPPING PAPERS.

Purchase Order #

20113714-00

> endor

MISSISSIPPI RURAL WATER ASSOC INC 5400 N MIDWAY RD

RAYMOND, MS 39154-8202

PUBLIC WORKS DEPT CITY OF BILOXI P 780 ESTERS BLVD BILOXI, MS

39530

Vendor P	hone Number Ve	endor Fax Number F	lequisition Number	r		ery Reference EY FOREHAND
Date Order	ed Vendor Numb	per Date Required	Freight Mo	ethod/Teri		Department/Location
05/04/11	006387	05/03/11	* 5		1	UTILITY MAINTENANCE
Item#	Desc	ription/Part No.	Oty.	/Unit	Cost Each	Extended Price
	CCR'S FOR WATE & 240084 40652-6649	ER SYSTEM 240001	210.00	3.00 Each	70.000	210.00
					PO Total	210.00
	**** General Account 40652-6649	Ledger Summary	Section ***	**	Amount 210.00	

Please ship "OPEN ACCOUNT" No C.O.D.'s will be accepted

Please do $\underline{\text{NOT}}$ include Sales Tax as this merchandise is for use by Municipality and consequently not subject thereto.

I certify to the receipt of the above for this department from vendor as shown.

PROOF OF PUBLICATION

P.O. BOX 1209 BILOXI, MS 39533

STATE OF MISSISSIPPI COUNTY OF HARRISON

Before me, the undersigned Notary Public of Harrison County, Mississippi, personally appeared <u>VICKI L. FOX</u> who, being by me first duly sworn, did depose and say that she is a clerk of **THE BILOXI- D'IBERVILLE PRESS** newspaper published in Harrison County, Mississippi, and that publication of the notice, a copy of which is here-to attached, has been made in said paper 1 time in the following numbers and on the following dates of such paper, viz:

Vol. <u>39</u> No. <u>01</u> dated the <u>16</u> day of <u>June</u> 2011

Affiant further states on oath that said newspaper has been established and published continuously in said county for a period of more than twelve months next prior to the first publication of said notice.

Dicki R. JOC Clerk

Sworn to and subscribed before me this the 16th day of June, 2011.

NOTARY PUBLIC ID No. 32904
(SEAL Commission Expires June 7, 2015

NOTARY PURI IC

Printer's Fee: \$ 1,008.00

Furnishing proof of Publication: \$

Total Cost: \$ 1,008.00

0.00

 10/15/2011	
1479 GUICE PL	
(Marie)	

Bill Date: 9/30/2011

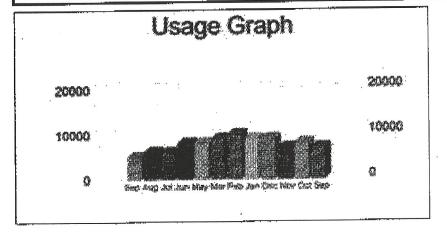
CITY OF BILOXI

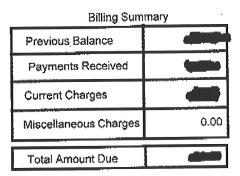
Service	From Date	To Date	Meter No.	Previous Reading	Current Reading	Usage	Amount
WATER	8/24/2011	9/21/2011	20192306	107	112	5000	445
SEWER	8/24/2011	9/21/2011	20192306	107	112	5000	-
GARBAGE						0	10.00
HÇUA SURCHARGE	8/24/2011	9/21/2011	20192306	107	112	5000	 0

Due to omissions in the consumer confidence report a corrected report is now available on our website, www.biloxi.ms.us. There is also a paper form of this available at the Water Department or Public Works Department. For more information please call Tracey Forehand (228) 435-6271.

Tax

For more information about water and sewer rates, visit biloxi.ms.us/water





Customer Service # 228-435-6236

PLEASE DETACH AND RETURN THIS PORTION WITH PAYMENT

City of Biloxi PO Box 349 Biloxi, MS 39533-0349

Account Number	Date Due			Route Number		
4	10/15/2011		02			
Location Number	Current	Charges	Total if Paid Late		Total Amount Due	
digit.		4				

Make Checks Payable to:

City of Biloxi PO Box 349 Biloxi, MS 39533-0349

